

Converting Colors

Hex(50BFF4)

Have a look what the booklet for
Hex(50BFF4) contains.

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Color

Hex(50BFF4)

Conversions

Conversions Part 1

Format	Color
Hex	50BFF4
RGB	80, 191, 244
RGB Percent	31%, 75%, 96%
CMY	0.6863, 0.2510, 0.0431
CMYK	0.67, 0.22, 0.00, 0.04
HSL	199°, 88%, 64%
HSV	199°, 67%, 96%
XYZ	38.2682, 45.4987, 92.3531
YIQ	163.8530, -83.1690, -7.0490

Conversions

Conversions Part 2

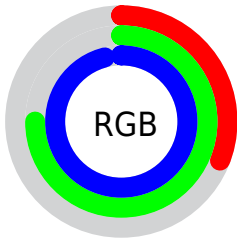
Format	Color
R_{YB}	80, 146, 244
Decimal	5292020
CIE _{Lab}	73.22, -15.36, -35.49
CIE _{LCh}	73, 38.673, 246.601
Yxy	45.4987, 0.2173, 0.2583
Android (android.graphics.Color)	4283482100 (0xFF50BFF4)
YUV	163.8530, 39.5125, -73.5391
Hunter-Lab	67.4527, -16.7733, -33.9602

Details

The Hex color **50BFF4** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **F48550**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **91F7FF**, and **008ABC** is the 20% darker color. If you saturate the color by 10%, you get **38B7F4**, and if you desaturate by 10%, it is **68C7F4**.

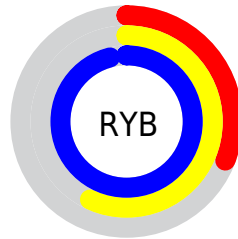
Distribution



Red (31%)

Green (75%)

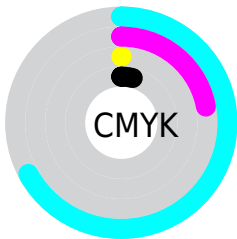
Blue (96%)



Red (31%)

Yellow (57%)

Blue (96%)

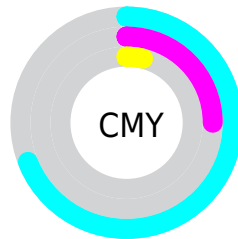


Cyan (67%)

Magenta (22%)

Yellow (0%)

Black (4%)



Cyan (69%)

Magenta (25%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50BFF4 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 50BFF4 by changing the saturation by 10% instead.

■ 50BFF4

FFFFFF

■ 91F7FF

■ B0FFFF

■ CFFFFFF

■ EDFFFF

■ 50BFF4

■ 26A4D7

■ 008ABC

■ 0070A0

■ 005886

■ 00406C

■ 002A54

■ 00173C

■ 000326

■ 00010F

 50BFF4

 50BFF4

 38B7F4

 68C7F4

 1FAFF4

 81CFF4

 07A7F4

 99D7F4

 00A5F4

 B2DFF4

 CAE6F4

 E2EEF4

 FBF6F4

 FFFE4

 FFFF4

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



1FC5DD



50BFF4



8EB5FA

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50BFF4



F898AD



9DBE7A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



50BFF4



F48550

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C4B46D



50BFF4



F69D8B

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50BFF4



E79CD1



E2A873



72C496

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50BFF4



B2ACF3



E2A873



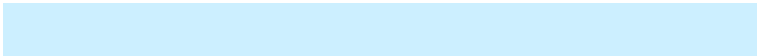
ABBB73

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



50BFF4



CCEFFF



50F484



617680



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50BFF4



30BCFF



506EF4



6E767A



007EBA



00283B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F450BF



FF30BC



F4D650



7A6E76



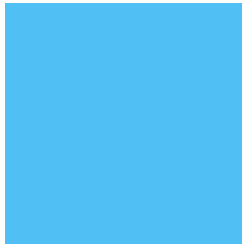
BA007E



3B0028

Previews

White Background



This preview shows how the Hex color 50BFF4 looks on a white background.

Color Contrast Check

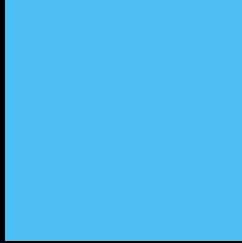
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 50BFF4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

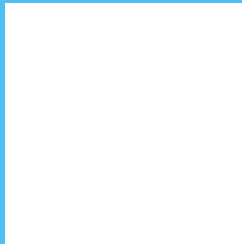
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 50BFF4 Background



This preview shows how black text looks on a background with the Hex color 50BFF4.

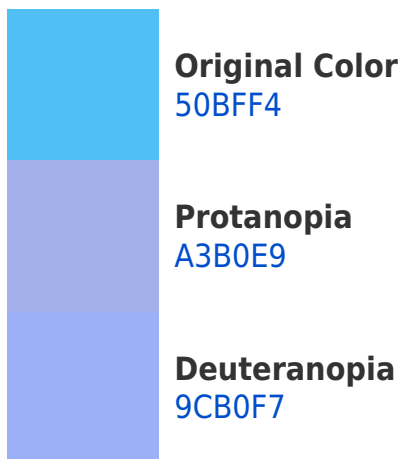


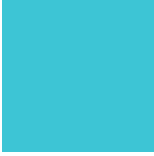
This preview shows how white text looks on a background with the Hex color 50BFF4.

Color Blindness Simulation

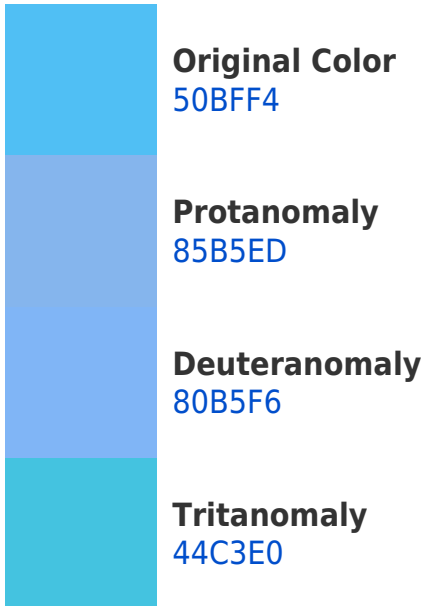
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

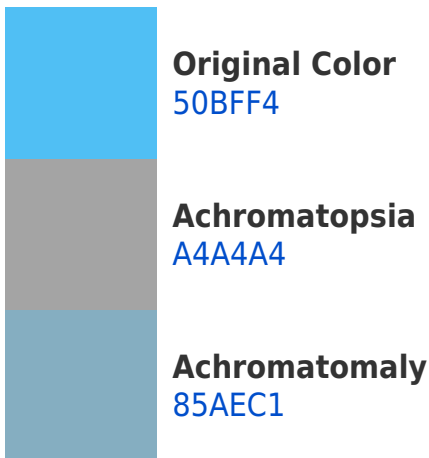




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50BFF4 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #50BFF4 looks like.

```
.text, #text, p{  
    color:#50BFF4  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #50BFF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50BFF4
}
```

Border

The CSS property to change the border of an element to Hex 50BFF4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50BFF4 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#50BFF4 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #50BFF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50BFF4; -webkit-box-shadow:4px 4px  
4px 4px #50BFF4; box-shadow:4px 4px 4px  
4px #50BFF4 }
```

Background

The CSS property to change the background color of an element to Hex 50BFF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50BFF4 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#50BFF4 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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